



03/29/04  
S. MAGE

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8+

Application Number	10/057,548
Filing Date	01/23/2002
First Named Inventor	Wellinghoff
Art Unit	1756
Examiner Name	Sadula
Attorney Docket Number	SWRI-2835

### ENCLOSURES (Check all that apply)

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                          | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Request for Refund   | 1) 8 References   |
| <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____                                      | 2) Certificate of Mailing 37 CFR 1.10; and  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                   |   | 3) Return Receipt Postcard.   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application         |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53      |   |   |

#### Remarks

The Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-0997 (SWRI-2835), maintained by Paula D. Morris & Associates, P.C. d/b/a The Morris Law Firm, P.C.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Paula D. Morris, Reg. No. 31,516
Signature	<i>Paula Morris</i>
Date	3-25-04

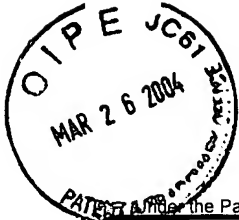
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Signature		Date	

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

## Complete if Known

Application Number 10/057,548  
Filing Date 01/23/2002  
First Named Inventor Wellinghoff  
Examiner Name Sadula  
Art Unit 1756  
Attorney Docket No. SWRI-2835

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit  
Account  
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Deposit  
Account  
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50-0997 (SWRI-2835)

Paula D. Morris & Assoc.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent		- 20** =		X		= \$0.00	
Multiple Dependent		- 3** =		X		= \$0.00	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	180.00
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Paula D. Morris Registration No. 31,516 Telephone 713.334.5151  
Signature [Signature] (Attorney/Agent) Date 3-25-04

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Linda Sengvong  
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Linda Sengvong  
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Transmittal form PTO/SB/21 [1 page], Fee Transmittal form PTO/SB/17 [1 page], Supplemental Information Disclosure Statement [1 page], PTO Form PTO/SB/08A [2 pages], Form PTO/SB/08B [1 page], Credit Card Payment Form PTO-2038 [1 page], 8 References and return receipt postcard.

<b>Applicant:</b>	<u>Wellinghoff</u>	<b>Group Art Unit:</b>	<u>1756</u>
<b>Serial No.:</b>	<u>10/057,548</u>	<b>Examiner:</b>	<u>Sadula</u>
<b>Filing Date:</b>	<u>01/23/2002</u>	<b>Atty. Docket No.:</b>	<u>SWRI-2835</u>
<b>Title:</b>	<u>Methods for Synthesis of Liquid Crystals</u>		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wellinghoff § Group Art Unit: 1756  
Serial No.: 10/057,548 § Examiner: Sadula  
Filed: 01/23/2002 § Atty. Docket No.: SWRI-2835  
Title: Methods for Synthesis of Liquid Crystals

Commissioner for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B be considered by the Examiner and made of record.

This Supplemental Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56 exists.

We hereby authorize the Commissioner to charge our credit card as indicated on Form PTO-2038, for the amount of **\$180.00** as required under 37 CFR 1.17(p). The commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **50-0997 (SWRI-2835)**, maintained by Paula D. Morris & Associates, P.C. d/b/a The Morris Law Firm, P.C..

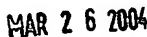
Respectfully submitted,

Paula D. Morris, Registration No. 31,516  
The Morris Law Firm, PC  
10260 Westheimer, Suite 360  
Houston, Texas 77042-3110  
Telephone: (713) 334-5151  
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03/30/2004 HABRHAH1 00000108 10057548

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Substitute for form 1-75/PTO

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Sheet	1	of	3
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**Complete if Known**

Application Number	10/057,548
Filing Date	01/23/2002
First Named Inventor	Wellinghoff
Art Unit	1756
Examiner Name	Sadula
Attorney Docket Number	SWRI-2835

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		WO 79/01040	11-29-1979	Eastman Kodak		
		WO 94/16129	07-21-1994	PPG INDUSTRIES		
		WO 92/16183	10-01-1992	THERA PATENT GM		
		EP 0 869 112 A1	03-17-1998	Daimler-Benz		
		EP 0159887 A2	10-30-1985	MINNESOTA MININ		
		EP 0722992 A1	07-24-1996	DEGUSSA AG		

Examiner Signature		Date Considered	
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

Sheet	2	of	3
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**Complete if Known**

Application Number	10/057,548
Filing Date	01/23/2002
First Named Inventor	Wellinghoff
Art Unit	1756
Examiner Name	Sadula
Attorney Docket Number	SWRI-2835

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

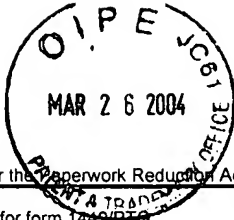
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		WO 02/070543 A2	09-12-2002	UNIVERSITY OF TEXAS		

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number 10/057,548

Filing Date 01/23/2002

First Named Inventor Wellinghoff

Art Unit 1756

Examiner Name Sadula

Attorney Docket Number SwRI-2835

Sheet 3 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SCHMIDT, et al., New Liquid Crystalline di-and tetra- acrylates for network formation, Liquid Crystals, 2001, Vol 28, No. 11, 1611-1621.	

Examiner  
SignatureDate  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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